BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	1										
Item Name:	KSRB 2-1.2 : Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1. (P.No. 5/I.No. 2.2 of CSR 2015-16)										
SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	3rd Main road upto Water tank LHS									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	90.00	98.00	2	8.00	0.85	0.85	0.85	0.650	8.84	
	3rd Main road upto Water tank LHS									
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	30.00	60.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	60.00	90.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	90.00	116.00	1	26.00	0.85	0.85	0.85	0.650	14.37	
	2nd main Road RHS									
	0.00	30.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	30.00	35.50	1	5.50	0.85	0.85	0.85	0.650	3.04	
	6th cross from MES Road LHS									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	90.00	120.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	150.00	166.40	2	16.40	0.85	0.85	0.85	0.650	18.12	
	5th cross									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	90.00	120.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	150.00	177.50	2	27.50	0.85	0.85	0.85	0.650	30.39	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	150.00	180.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	180.00	210.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	210.00	231.00	2	21.00	0.85	0.85	0.85	0.650	23.21	
	Cross D									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
								Total Qty Work Done	2237.24	Cum
								Qty Payable in this bill	1970.00	Cum

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP.

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	2	
Item Name:	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2015-16)	

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	3rd Main road upto Water tank LHS									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	98.00	2	8.00	0.30	0.30	0.30	0.600	2.88	
	3rd Main road upto Water tank LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	90.00	116.00	1	26.00	0.30	0.30	0.30	0.600	4.68	
	2nd main Road RHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.600	5.40	
	30.00	35.50	1	5.50	0.30	0.30	0.30	0.600	0.99	
	6th cross from MES Road LHS									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	150.00	166.40	2	16.40	0.30	0.30	0.30	0.600	5.90	
	5th cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	150.00	177.50	2	27.50	0.30	0.30	0.30	0.600	9.90	

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SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
		25	1.50	0.30	0.30	0.30	0.600	6.75	
	3rd cross road								
		24	1.50	0.30	0.30	0.30	0.600	6.48	
	4th Cross								
		28	1.50	0.30	0.30	0.30	0.600	7.56	
	8th Cross sub Cross RHS								
		26	1.50	0.30	0.30	0.30	0.600	7.02	
	Cross B								
		27	1.50	0.30	0.30	0.30	0.600	7.29	
	CrossC								
		28	1.50	0.30	0.30	0.30	0.600	7.56	
	Cross D								
		28	1.50	0.30	0.30	0.30	0.600	7.56	
							Total Qty Work Done	871.19	Cum
							Qty Payable in this bill	842.18	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP
4/3/18

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP
10/6/18

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 3

Item Name: Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road.

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	4th Cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	85.00	2	25.00	0.30	0.30	0.30	0.150	2.25	
	8th Cross sub Cross RHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	87.00	1	27.00	0.30	0.30	0.30	0.150	1.22	
	Cross B									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	CrossC									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	210.00	231.00	2	21.00	0.30	0.30	0.30	0.150	1.89	
	3rd cross road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	92.30	2	2.30	0.30	0.30	0.30	0.150	0.21	
								Total Qty Work Done	56.86	Cum
								Qty Payable in this bill	53.19	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Asst Engineer
Ward no.16,BBMP

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	4
Item Name:	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. (P.No.257/I.No. 37.38 of CSR 2015-16)

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	3rd Main road upto Water tank LHS									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	98.00	2	8.00	0.30	0.30	0.30	0.150	0.72	
	3rd Main road upto Water tank LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	116.00	1	26.00	0.30	0.30	0.30	0.150	1.17	
	2nd main Road RHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	35.50	1	5.50	0.30	0.30	0.30	0.150	0.25	
	6th cross from MES Road LHS									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	166.40	2	16.40	0.30	0.30	0.30	0.150	1.48	
	5th cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	177.50	2	27.50	0.30	0.30	0.30	0.150	2.48	
	5th "A" Cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	132.00	2	12.00	0.30	0.30	0.30	0.150	1.08	
	2st Cross Upto 5 C cross LHS									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	Cross D									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
							Total Qty Work Done		125.36	Cum
							Qty Payable in this bill		124.11	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Asst Engineer 6/3/18
Ward no.16,BBMP

Asst.Executive Engineer 10/6/18
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No:	5
Item Name:	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	3rd Main road upto Water tank LHS									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	98.00	2	8.00					16.00	
	3rd Main road upto Water tank LHS									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	116.00	1	26.00					26.00	
	2nd main Road RHS									
	0.00	30.00	1	30.00					30.00	
	30.00	35.50	1	5.50					5.50	
	6th cross from MES Road LHS									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	120.00	2	30.00					60.00	
	120.00	150.00	2	30.00					60.00	
	150.00	166.40	2	16.40					32.80	
	5th cross									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	120.00	2	30.00					60.00	
	120.00	150.00	2	30.00					60.00	
	150.00	177.50	2	27.50					55.00	

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	120.00	150.00	2	30.00					60.00	
	150.00	180.00	2	30.00					60.00	
	180.00	210.00	2	30.00					60.00	
	210.00	231.00	2	21.00					42.00	
	Cross D									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
								Total Qty Work Done	4049.30	Mtr
								Qty Payable in this bill	3940.00	Mtr

Contractor Representative

Consultant Representative

Asst Engineer 8/6/18
Ward no.16,BBMP

Asst.Executive Engineer 10/6/18
Yashwanthapura Sub Division,BBMP

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN JALAHALLI AND URROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

tem No:	6									
Item Name:	Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete.- for 50mm dia:									
SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	3rd Main road upto Water tank LHS									
			1						1.00	
	3rd Main road upto Water tank LHS									
			1						1.00	
	2nd main Road RHS									
			1						1.00	
	6th cross from MES Road LHS									
			1						1.00	
	5th cross									
			2						2.00	
	5th "A" Cross									
			2						2.00	
	3rd Main road RHS									
			1						1.00	
	3rd Main road LHS									
			1						1.00	
	5th "B" Cross									
			2						2.00	
	5th "C" Cross LHS									
			1						1.00	
	5th "C" Cross RHS									
			1						1.00	
	2nd main Road RHS									
			1						1.00	
	2nd main Road RHS									
			1						1.00	
	1st Cross Upto 5 C cross									
			1						1.00	
	2st Cross Upto 5 C cross LHS									
			1						1.00	

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SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	3rd cross road								
		2						2.00	
	4th Cross								
		2						2.00	
	8th Cross sub Cross RHS								
		1						1.00	
	Cross B								
		2						2.00	
	CrossC								
		3						3.00	
	Cross D								
		2						2.00	
							Total Qty Work Done	30.00	Nos
							Qty Payable in this bill	30.00	Nos

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

16/2/18

Asst Engineer
Ward no.16,BBMP

10/6/18

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP

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